

SEQUENCE LISTING

<110> Krieger, Monty

<120> SR-B1 Antagonist And Use Thereof As Contraceptives And
In The Treatment Of Steroidal Overproduction

<130> MIT8299

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<150> 09/148,012

<151> 1998-10-04

<150> 60/057,943

<151> 1997-09-05

<160> 9

<170> PatentIn Ver. 2.0

<210> 1

<211> 1788

<212> DNA

<213> Hamster

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<221> misc_feature

<222> (156)..(1683)

<223> Encodes amino acid sequence for the Hamster
Scavenger Receptor Class B-I

<400> 1

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<210> 2
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<212> PRT
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<222> (330)..(332)

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<223> Potential

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Gly	Glu	Lys	Pro	Val	Val	Arg	Glu	Arg	Gly	Pro	Tyr	Val	Tyr	Arg	Glu
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Phe	Arg	His	Lys	Ala	Asn	Ile	Thr	Phe	Asn	Asp	Asn	Asp	Thr	Val	Ser
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Phe	Val	Glu	His	Arg	Ser	Leu	His	Phe	Gln	Pro	Asp	Arg	Ser	His	Gly
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Ala	Val	Met	Met	Glu	Ser	Lys	Ser	Ala	Gly	Leu	Lys	Leu	Met	Met	Thr
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Leu	Gly	Leu	Ala	Thr	Leu	Gly	Gln	Arg	Ala	Phe	Met	Asn	Arg	Thr	Val
				165					170					175	
Gly	Glu	Ile	Leu	Trp	Gly	Tyr	Glu	Asp	Pro	Phe	Val	Asn	Phe	Ile	Asn
			180					185					190		
Lys	Tyr	Leu	Pro	Asp	Met	Phe	Pro	Ile	Lys	Gly	Lys	Phe	Gly	Leu	Phe
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Val	Glu	Met	Asn	Asn	Ser	Asp	Ser	Gly	Leu	Phe	Thr	Val	Phe	Thr	Gly
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			225			230					235				240
Ser	Lys	Val	Asn	Tyr	Trp	His	Ser	Glu	Gln	Cys	Asn	Met	Ile	Asn	Gly
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Thr	Ser	Gly	Gln	Met	Trp	Ala	Pro	Phe	Met	Thr	Pro	Gln	Ser	Ser	Leu
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Lys	Thr	Leu	Phe	Ala	Asn	Gly	Ser	Val	Tyr	Pro	Pro	Asn	Glu	Gly	Phe
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Cys	Pro	Cys	Leu	Glu	Ser	Gly	Ile	Gln	Asn	Val	Ser	Thr	Cys	Arg	Phe

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Val	Leu	Ser	Glu	Ala	Val	Leu	Gly	Leu	Asn	Pro	Asp	Pro	Arg	Glu	His
		355					360					365			
Ser	Leu	Phe	Leu	Asp	Ile	His	Pro	Val	Thr	Gly	Ile	Pro	Met	Asn	Cys
		370				375					380				
Ser	Val	Lys	Leu	Gln	Ile	Ser	Leu	Tyr	Ile	Lys	Ala	Val	Lys	Gly	Ile
385					390					395					400
Gly	Gln	Thr	Gly	Lys	Ile	Glu	Pro	Val	Val	Leu	Pro	Leu	Leu	Trp	Phe
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			420					425					430		
Gln	Leu	Val	Leu	Met	Pro	Gln	Val	Leu	Gln	Tyr	Val	Gln	Tyr	Val	Leu
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Ser	Gln	Asp	Lys	Glu	Ala	Ile	Gln	Ala	Tyr	Ser	Glu	Ser	Leu	Met	Ser
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<211> 1785

<212> DNA

<213> Mouse

<220>

<221> misc_feature

<222> (51)..(1577)

<223> Encodes the amino acid sequence for the murine
Scavenger Receptor Class BI

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tcggcgttgt catgacctc atggtgccct ccctcatcaa gcagcagggtg ctcaagaatg 180
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cagtagtccg ggagcgtgga ccctatgtct acagggagtt cagacaaaag gtcaacatca 360
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<210> 4
 <211> 509
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<400> 4

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Cys	Pro	Cys	Arg	Glu	Ser	Gly	Ile	Gln	Asn	Val	Ser	Thr	Cys	Arg	Phe	
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Glu	Gln	Ser	Gly	Ala	Met	Gly	Gly	Lys	Pro	Leu	Ser	Thr	Phe	Tyr	Thr	
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Gln	Leu	Val	Leu	Met	Pro	Gln	Val	Leu	His	Tyr	Ala	Gln	Tyr	Val	Leu	
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Arg Ser Gln Glu Lys Cys Phe Leu Phe Trp Ser Gly Ser Lys Lys Gly
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Ser Gln Asp Lys Glu Ala Ile Gln Ala Tyr Ser Glu Ser Leu Met Ser
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<210> 5
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<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

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<210> 6
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

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<210> 7
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<212> DNA
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<220>
<223> Description of Artificial Sequence: primer

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<210> 8
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<212> DNA
<213> Artificial Sequence

<220>
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<210> 9
<211> 35

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

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